

Comparisons of Job Characteristics

Focus Occupation: Foresters (19-1032)

Associated Occupation: Natural Sciences Managers (11-9121)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: Foresters (19-1032)

Associated Occupation: Natural Sciences Managers (11-9121)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Chemistry	4.8	13.5	5.8	<<	Extensive education and/or training may be required
Administration and Management	8.4	12.8	8.8	<<	Extensive education and/or training may be required
Law and Government	5.9	12.1	7.1	<<	Extensive education and/or training may be required
Biology	3.7	11.8	12.8	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	11.4	4.9	<<	Extensive education and/or training may be required
Geography	3.9	5.9	9.0	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 74

Focus Occupation: Foresters (19-1032)

Associated Occupation: Natural Sciences Managers (11-9121)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Science	4.5	15.7	9.9	<<	Extensive development of skills in this area may be required
Time Management	8.9	13.9	12.5	<	A higher skill level may be required
Operations Analysis	5.0	13.6	9.0	<<	Extensive development of skills in this area may be required
Management of Personnel Resources	6.9	13.2	11.8	<	A higher skill level may be required
Coordination	9.1	12.3	15.4	>	Skill level is likely sufficient

Management of Financial Resources	3.3	8.9	6.3	<<	Extensive development of skills in this area may be required
Technology Design	2.6	7.6	4.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 89			
Focus Occupation: Foresters (19-1032) Associated Occupation: Natural Sciences Managers (11-9121)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	17.8	14.5	<<	Extensive improvement in abilities may be required
Oral Expression	12.4	16.5	16.1	0	Current ability level may be sufficient
Written Comprehension	11.0	16.0	13.8	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	15.5	13.7	<	Some improvement in abilities may be required
Speech Clarity	10.2	15.4	10.2	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	14.8	12.5	<	Some improvement in abilities may be required
Written Expression	9.8	14.4	11.9	<	Some improvement in abilities may be required
Speech Recognition	9.9	12.6	10.2	<	Some improvement in abilities may be required
Originality	7.6	12.0	12.6	0	Current ability level may be sufficient
Category Flexibility	9.0	11.6	13.0	>	Current ability level is likely sufficient
Number Facility	6.3	10.0	5.8	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 61
Focus Occupation: Foresters (19-1032) Associated Occupation: Natural Sciences Managers (11-9121)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Advise clients or customers	19	
Analyze scientific research data or investigative findings	27	
Communicate technical information	4	
Conduct training for personnel	30	

Confer with scientists	54
Develop plans for programs or projects	31
Develop policies, procedures, methods, or standards	21
Explain complex mathematical information	30
Make presentations	13
Prepare reports	8
Use library or online Internet research techniques	21
Use project management techniques	47
Use public speaking techniques	13
Use scientific research methodology	21

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Foresters (19-1032)

Associated Occupation: Natural Sciences Managers (11-9121)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.